

Certificate of Analysis For:

The Flowery

Laboratory ID:

HJ13020-01

Sample Name:

1000135887

Cultivation Facility:	<i>Homestead</i>
Processing Facility:	<i>Homestead</i>
Cultivar:	<i>King Louis OG</i>
Batch Name:	<i>1000135887</i>
Batch Date:	<i>10/12/2023</i>
Batch Size:	<i>146 g</i>
Batch Unit Size:	<i>0.5 g</i>
Batch Units Sampled:	<i>31</i>
Total Amt. Sampled:	<i>15.5 g</i>
Sample Matrix:	<i>Pod</i>
Administration Route:	<i>Inhalation</i>
Product Name:	<i>710 POD - LIVE ROSIN</i>



The Flowery

30003 SW 197th Ave. Homestead, FL 33030

1000135887

Sample Alias: *King Louis OG*
Sample Date: 10/13/23
Sample Matrix: Pod

Lab ID: **HJ13020-01**
Received: 10/13/23 16:16
Completed: 10/17/23 18:06

POTENCY DETAILS

delta 9-THC

75.2%

CBD

0.119%

CBN

0.106%

THCa

4.68%

CBDa

0.0749%

delta 8-THC

<LOQ%

CBGa

1.09%

THCV

0.512%

CBDV

<LOQ%

CBC

0.852%

CBG

2.17%

Total THC
79.3% (397 mg)

Total CBD
0.185% (0.925 mg)

Total Active Cannabinoids
84.8% (424 mg)

Total CBG
3.13% (15.6 mg)

Total CBN
0.106% (0.530 mg)

TERPENES

Analyte	%
d-Limonene	1.53
beta-Myrcene	1.04
beta-Caryophyllene	0.836
alpha-Pinene	0.247
alpha-Humulene	0.237
alpha-Bisabolol	0.189
Fenchyl Alcohol	0.188
Linalool	0.169
alpha-Terpineol	0.129
beta-Pinene	0.122
(+/-)-Borneol	0.0659
Camphene	0.0539
Caryophyllene oxide	0.0439
Terpinolene	0.0352
alpha-Phellandrene	0.0215
gamma-Terpinene	0.0173
(+/-)-Fenchone	0.0166
alpha-Terpinene	0.0100

ANALYSIS SUMMARY

Potency	Completed	Foreign Matter	PASS
Heavy Metals	PASS	Homogeneity	Not Tested
Microbials	PASS	Water Activity	PASS
Mycotoxins	PASS	Pesticides	PASS
% Moisture	Not Tested	Residual Solvents	PASS
Terpenes	Completed		

Total Terpenes: 4.95%

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limits, please visit: www.moderncanna.com/modern-canna-reporting-limits/

LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

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Lab ID: HJ13020-01

Received: 10/13/23 16:16

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Potency by HPLC

Batch: B3J1333

SOP: MCS-SOP-002

Prep By: 1005

Prep On: 10/16/23 11:09

Ana. By: 1057

Ana. On: 10/16/23 21:43

Initial (g): 0.1026

Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	79.3	100	0.126	0.975	Total CBD	0.185	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	75.2	100	0.067	0.975
THCa	4.68	100	0.066	0.975	THCV	0.512	1	0.001	0.010
CBD	0.119	1	0.001	0.010	CBDa	0.0749	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	0.852	1	0.003	0.010
CBG	2.17	100	0.061	0.975	CBGa	1.09	100	0.062	0.975
CBN	0.106	1	0.001	0.010					

Terpene Screen by GC/MS

Batch: B3J1336

SOP: MCS-SOP-004

Prep By: 1055

Prep On: 10/16/23 10:41

Ana. By: 1050

Ana. On: 10/16/23 23:47

Initial (g): 0.1029

Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.247	1	0.005	0.010	Camphene	0.0539	1	0.005	0.010
beta-Pinene	0.122	1	0.005	0.010	3-Carene	ND	1	0.005	0.010
alpha-Terpinene	0.0100	1	0.005	0.010	Camphor	ND	1	0.005	0.010
d-Limonene	1.53	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	0.0173	1	0.005	0.010	Terpinolene	0.0352	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.169	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	0.836	1	0.005	0.010
alpha-Humulene	0.237	1	0.005	0.010	cis-Nerolidol	ND	1	0.005	0.010
Caryophyllene oxide	0.0439	1	0.005	0.010	(+/-)-Fenchone	0.0166	1	0.005	0.010
(+/-)-Borneol	0.0659	1	0.005	0.010	(+)-Pulegone	ND	1	0.005	0.010
Cedrol	ND	1	0.005	0.010	Geranyl Acetate	ND	1	0.005	0.010
alpha-Bisabolol	0.189	1	0.005	0.010	alpha-Phellandrene	0.0215	1	0.005	0.010
alpha-Terpineol	0.129	1	0.005	0.010	Nerol	ND	1	0.005	0.010
Sabinene	ND	1	0.005	0.010	Valencene	ND	1	0.005	0.010
beta-Myrcene	1.04	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.188	1	0.005	0.010
Guaiol	ND	1	0.005	0.010	trans-Nerolidol	ND	1	0.005	0.010
Isoborneol	ND	1	0.005	0.010	Ocimene, Total	ND	1	0.005	0.010
gamma-Terpineol	ND	1	0.005	0.010	Menthol	ND	1	0.005	0.010

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 Sample Matrix: Pod

Lab ID: HJ13020-01
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Pesticides by LC-QQQ

Batch: B3J1335
 SOP: MCS-SOP-001b

Prep By: 1054
 Prep On: 10/16/23 11:55

Ana. By: 1056
 Ana. On: 10/17/23 03:02

Initial (g): 0.1012
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	100	17.885	49.407	Acephate	ND	10	100	12.253	49.407
Acequinocyl	ND	10	100	7.312	49.407	Acetamiprid	ND	10	100	6.324	49.407
Aldicarb	ND	10	100	18.577	49.407	Azoxystrobin	ND	10	100	9.091	24.704
Bifenazate	ND	10	100	9.387	24.704	Bifenthrin	ND	10	100	7.609	49.407
Boscalid	ND	10	100	28.854	49.407	Chlorpyrifos	ND	10	100	8.399	24.704
Carbaryl	ND	10	500	15.415	49.407	Carbofuran	ND	10	100	7.312	12.352
Chlorantraniliprole	ND	10	1000	15.810	123.518	Chlormequat chloride	ND	10	1000	6.126	49.407
Clofentezine	ND	10	200	9.684	98.814	Coumaphos	ND	10	100	13.439	24.704
Cyfluthrin	ND	10	500	75.791	197.628	Cypermethrin	ND	10	500	18.972	123.518
Daminozide	ND	10	100	15.415	49.407	Diazinon	ND	10	100	5.435	24.704
Dichlorvos	ND	10	100	19.664	49.407	Dimethoate	ND	10	100	2.273	12.352
Dimethomorph, Total	ND	10	200	6.028	49.407	Ethoprophos	ND	10	100	10.474	12.352
Etofenprox	ND	10	100	8.202	49.407	Etoxazole	ND	10	100	7.312	49.407
Fenhexamid	ND	10	100	9.783	49.407	Fenoxycarb	ND	10	100	8.893	24.704
Fenpyroximate	ND	10	100	4.447	49.407	Fipronil	ND	10	100	23.419	49.407
Flonicamid	ND	10	100	8.300	49.407	Fludioxonil	ND	10	100	17.391	49.407
Hexythiazox	ND	10	100	6.028	49.407	Imazalil	ND	10	100	10.573	49.407
Imidacloprid	ND	10	400	8.992	98.814	Kresoxim-Methyl	ND	10	100	8.794	49.407
Malathion	ND	10	200	28.854	49.407	Metalaxyl	ND	10	100	9.783	49.407
Methiocarb	ND	10	100	18.083	49.407	Methomyl	ND	10	100	3.854	24.704
Mevinphos	ND	10	100	10.474	49.407	Myclobutanil	ND	10	100	14.130	49.407
Dibrom (Naled)	ND	10	250	18.874	49.407	Oxamyl	ND	10	250	4.150	12.352
Paclobutrazol	ND	10	100	14.526	49.407	Permethrin	ND	10	100	7.905	49.407
Phosmet	ND	10	100	8.893	49.407	Piperonyl butoxide	ND	10	3000	4.051	49.407
Prallethrin	ND	10	100	11.561	24.704	Propiconazole (Tilt)	ND	10	100	8.893	49.407
Pyridaben	ND	10	200	3.063	49.407	Pyrethrins, Total	ND	10	500	10.672	49.407
Spinetoram, Total	ND	10	200	6.621	49.407	Spiromesifen	ND	10	100	7.213	12.352
Spirotetramat	ND	10	100	8.696	49.407	Spiroxamine	ND	10	100	4.941	49.407
Tebuconazole	ND	10	100	7.806	49.407	Thiacloprid	ND	10	100	3.261	49.407
Thiamethoxam	ND	10	500	4.447	98.814	Trifloxystrobin	ND	10	100	8.103	49.407
Baygon (Propoxur)	ND	10	100	5.830	49.407	Spinosad, Total	ND	10	100	8.794	35.820

Mycotoxins by LC-QQQ

Batch: B3J1335
 SOP: MCS-SOP-001b

Prep By: 1054
 Prep On: 10/16/23 11:55

Ana. By: 1056
 Ana. On: 10/17/23 14:31

Initial (g): 0.1012
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	5.810	9.881	Ochratoxin A	ND	10	20	4.980	9.881
Aflatoxin G2	ND	10	20	14.723	19.763	Aflatoxin G1	ND	10	20	6.403	14.822
Aflatoxin B2	ND	10	20	7.668	14.822	Aflatoxin B1	ND	10	20	5.810	9.881

Pesticides by GC-QQQ

Batch: B3J1335
 SOP: MCS-SOP-001a

Prep By: 1054
 Prep On: 10/16/23 11:55

Ana. By: 1062
 Ana. On: 10/16/23 21:18

Initial (g): 0.1012
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozone)	ND	5	150	33.844	74.111	Methyl parathion	ND	5	100	16.897	74.111
Captan	ND	5	700	48.666	74.111	Chlordane, Total	ND	5	100	38.538	74.111
Chlorfenapyr	ND	5	100	43.083	74.111						

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Microbials by qPCR

Batch: B3J1326
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 10/14/23 11:45

Ana. By: 1053
 Ana. On: 10/14/23 15:30

Initial (g): 0.2537
 Final (g): 0.6

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.000	1.000	Aspergillus fumigatus	Absent	1	1	1.000	1.000
Aspergillus niger	Absent	1	1	1.000	1.000	Aspergillus terreus	Absent	1	1	1.000	1.000
Aspergillus Total	Absent	1	1	1.000	1.000	Salmonella	Absent	1	1	1.000	1.000
Shiga Toxin E.coli	Absent	1	1	1.000	1.000						

Quantitative Microbials by qPCR

Batch: B3J1327
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 10/14/23 14:49

Ana. By: 1053
 Ana. On: 10/14/23 16:35

Initial (g): 0.252
 Final (g): 1.75

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000

Total Metals by ICP-MS

Batch: B3J1338
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 10/16/23 12:21

Ana. By: 1005
 Ana. On: 10/16/23 16:24

Initial (g): 0.2539
 Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	200	19.693	98.464	Cadmium	ND	1	200	19.693	98.464
Lead	ND	1	500	49.232	246.160	Mercury	ND	1	200	19.693	49.232

Residual Solvents by GC/MS-HS

Batch: B3J1312
 SOP: MCS-SOP-O03

Prep By: 1028
 Prep On: 10/13/23 16:56

Ana. By: 1028
 Ana. On: 10/14/23 10:09

Initial (g): 0.0233
 Final (g): 20

Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	85.837	214.592	n-Butane	ND	1	5000	85.837	214.592
Methanol	ND	1	250	21.459	85.837	Ethylene Oxide	ND	1	5	0.429	2.146
Ethanol	ND	1	5000	429.185	515.022	Pentane	ND	1	750	64.378	214.592
Ethyl Ether	ND	1	500	42.918	214.592	Acetone	ND	1	750	64.378	214.592
1,1-Dichloroethylene	ND	1	8	0.264	1.288	Isopropyl Alcohol (2-Propanol)	ND	1	500	42.918	214.592
Acetonitrile	ND	1	60	5.150	25.751	Methylene Chloride	ND	1	125	10.730	42.918
Hexane	ND	1	250	21.459	107.296	Ethyl Acetate	ND	1	400	34.335	171.674
Chloroform	ND	1	2	0.118	0.858	1,2-Dichloroethane	ND	1	2	0.155	0.858
Benzene	ND	1	1	0.049	0.086	Heptane	ND	1	5000	85.837	214.592
Trichloroethene (Trichloroethylene)	ND	1	25	2.146	10.730	Toluene	ND	1	150	12.876	64.378
m/p-Xylenes	ND	1	100	6.438	25.751	o-xylene	ND	1	50	6.438	25.751

Water Activity by REH

Batch: B3J1339
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 10/16/23 11:06

Ana. By: 1044
 Ana. On: 10/16/23 14:52

Initial (g): 0.1008
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.27	1	0.85	0.040	0.040

Foreign Matter

Batch: B3J1610
 SOP: MCS-SOP-G01

Prep By: 1044
 Prep On: 10/16/23 10:58

Ana. By: 1044
 Ana. On: 10/16/23 12:00

Initial (g): 1
 Final (g): 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.000	1.000